

Claims

1. A chain module for a modular chain conveyor, comprising a substantially sheet-shaped body part provided with a conveying face located at an upper side of the body part, with hinge holes included in the body part and with two projections provided at the underside of the body part, while sliding
5 faces located at the sides facing each other of the projections, together with a sliding face located between the projections at the underside of the body part form a longitudinal guide with a substantially U-shaped cross section, characterized in that the projections have been provided at a distance from sides of the body part and that adjacent the projections, at the underside of the
10 body part, sliding faces are located, each forming, with sliding faces located at sides facing away from each other of the projections, a longitudinal guide with substantially L-shaped cross section.
2. A chain module according to claim 1, wherein the hinge holes extend along a front and rear side of the module and wherein the cross section of the
15 holes at the front and rear side differs per side at least locally.
3. A chain module according to any one of the preceding claims, wherein the hinge holes together extend over at least the entire width of the body part.
4. A chain module according to any one of the preceding claims,
20 wherein adjacent the front or rear side of the module, at at least one side of the body part, an opening of a hinge hole is located.
5. A chain module according to any one of the preceding claims, wherein the body part is provided at a front or rear side with two bulging hinge loops with a recess located therebetween and wherein, on the opposite
25 side, the body part is further provided with a bulging hinge loop formed correspondingly to the recess.

6. A chain module according to claim 5, wherein the sides of the guiding projections facing each other are each contiguous to the recess between the bulging hinge loops.
7. A chain module according to any one of the preceding claims,
5 wherein two bulging hinge loops on the one side of the module are each provided with a coaxial hinge hole with substantially identical, constant cross section and wherein a hinge loop, correspondingly formed with the recess, is provided at the opposite side with a slotted hole with a cross section which is at least equal to and, over at least a part of the cross section, is greater than
10 the cross section of the cylindrical holes.
8. A chain module according to any one of the preceding claims, wherein the space between the sides of the projection facing each other for including a central projection of a guide bend segment is clear of obstructions.
9. A chain module according to any one of the preceding claims,
15 wherein the sliding faces at the sides facing each other of the projections extend substantially transversely to the underside of the body part.
10. A chain module according to any one of claims 1 – 9 wherein the sliding faces at the sides facing each other of the projections converge from the body part.
- 20 11. A chain module according to any one of the preceding claims, wherein, at a part of the front or rear extending between the projections, the body part is provided with a driving face.
12. A chain module according to any one of the preceding claims, wherein the sliding faces on the sides facing away from each of the projections
25 other extend substantially transversely to the underside of the body part.
13. A chain module according to any one of the preceding claims, wherein the height of the body part between the underside and the conveying surface is 12.8 mm.

14. A chain module according to any one of the preceding claims, wherein at least the body part and the projections are manufactured from plastic material.
15. A modular chain comprising a series of successive modules according
5 to any one of claims 1 – 14 which are coupled with the aid of hinge pins reaching through cooperating hinge loops.
16. A modular chain according to claim 15, wherein the hinge pins extend substantially over the entire width of the body part.
17. A modular chain according to claim 16, wherein the hinge pins are
10 manufactured from magnetic or magnetizable material.